# Samsung Galaxy S23 Ultra Specifications

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|---|---|---|
| **NETWORK** | Technology | GSM / CDMA / HSPA / EVDO / LTE / 5G |
| **LAUNCH** | Announced | 2023, February 01 |
| | Status | Coming soon. Exp. release 2023, February 17 |
| **BODY** | Dimensions | 157.8 x 76.2 x 7.6 mm (6.21 x 3.00 x 0.30 in) |
| | Weight | 196 g (6.91 oz) |
| | Build | Glass front (Gorilla Glass Victus 2), glass back (Gorilla Glass Victus 2), aluminum frame |
| | SIM | Nano-SIM and eSIM or Dual SIM (2 Nano-SIMs and eSIM, dual stand-by) |
| | | IP68 dust/water resistant (up to 1.5m for 30 mins)<br>Armor aluminum frame with tougher drop and scratch resistance (advertised) |
| **DISPLAY** | Type | Dynamic AMOLED 2X, 120Hz, HDR10+, 1750 nits (peak) |
| | Size | 6.6 inches, 106.9 $cm^2$ (~88.9% screen-to-body ratio) |
| | Resolution | 1080 x 2340 pixels, 19.5:9 ratio (~390 ppi density) |
| | Protection | Corning Gorilla Glass Victus 2 |
| | | Always-on display |
| **PLATFORM** | OS | Android 13, One UI 5.1 |
| | Chipset | Qualcomm SM8550-AC Snapdragon 8 Gen 2 (4 nm) |
| | CPU | Octa-core (1x3.36 GHz Cortex-X3 & 2x2.8 GHz Cortex-A715 & 2x2.8 GHz Cortex-A710 & 3x2.0 GHz Cortex-A510) |
| | GPU | Adreno 740 |
| **MEMORY** | Card slot | No |
| | Internal | 256GB 8GB RAM, 512GB 8GB RAM |
| | | UFS 4.0 |
| **MAIN CAMERA** | Triple | 50 MP, f/1.8, 24mm (wide), 1/1.56", 1.0µm, Dual Pixel PDAF, OIS<br>10 MP, f/2.4, 70mm (telephoto), 1/3.94", 1.0µm, PDAF, 3x optical zoom<br>12 MP, f/2.2, 13mm, 120˚ (ultrawide), 1/2.55" 1.4µm, Super Steady video |
| | Features | LED flash, auto-HDR, panorama |
| | Video | 8K@24/30fps, 4K@30/60fps, 1080p@30/60/240fps, 720p@960fps, HDR10+, stereo sound rec., gyro-EIS |
| **SELFIE CAMERA** | Single | 12 MP, f/2.2, 26mm (wide), Dual Pixel PDAF |
| | Features | Dual video call, Auto-HDR, HDR10+ |
| | Video | 4K@30/60fps, 1080p@30fps |
| **SOUND** | Loudspeaker | Yes, with stereo speakers |
| | 3.5mm jack | No |
| | | 32-bit/384kHz audio<br>Tuned by AKG |
| **COMMS** | WLAN | Wi-Fi 802.11 a/b/g/n/ac/6e, tri-band, Wi-Fi Direct |
| | Bluetooth | 5.3, A2DP, LE |
| | Positioning | GPS, GLONASS, BDS, GALILEO |
| | NFC | Yes |
| | Radio | No |
| | USB | USB Type-C 3.2, OTG |
| **FEATURES** | Sensors | Fingerprint (under display, ultrasonic), accelerometer, gyro, proximity, compass, barometer |

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| | | Samsung DeX, Samsung Wireless DeX (desktop experience support)<br>Bixby natural language commands and dictation<br>Samsung Pay (Visa, MasterCard certified) |
| **BATTERY** | **Type** | Li-Ion 4700 mAh, non-removable |
| | **Charging** | 45W wired, PD3.0, 65% in 30 min (advertised)<br>Wireless (Qi/PMA)<br>4.5W reverse wireless |
| **MISC** | **Colors** | Phantom Black, Cream, Green, Lavender, Graphite, Lime |
| | **Models** | SM-S916B, SM-S916B/DS, SM-S916U, SM-S916U1, SM-S916W, SM-S916N, SM-S9160, SM-S916E, SM-S916E/DS |
| | **Price** | $ 999.99 / £ 1,049.00 / € 1,199.00 / ₹ 94,999 |